

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=12; day=5; hr=12; min=12; sec=55; ms=973;]

=====

Application No: 10568806 Version No: 1.0

Input Set:

Output Set:

Started: 2008-11-17 21:19:37.908
Finished: 2008-11-17 21:19:40.354
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 446 ms
Total Warnings: 2
Total Errors: 0
No. of SeqIDs Defined: 185
Actual SeqID Count: 185

Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (121)
W 402	Undefined organism found in <213> in SEQ ID (176)

SEQUENCE LISTING

<110> Agos Biotech Ltd.
Harari, Daniel

<120> SPLICE VARIANTS OF ERB-B RECEPTOR LIGANDS, COMPOSITIONS AND USES
THEREOF

<130> HARARI/001 US

<140> 10568806

<141> 2008-11-17

<150> US60/495,898

<151> 2003-08-19

<150> PCT/IL2004/000759

<151> 2004-08-19

<160> 185

<170> PatentIn version 3.3

<210> 1

<211> 56

<212> PRT

<213> Homo sapiens

<300>

<308> AAM71141

<309> 2002-10-07

<313> (1)..(56)

<400> 1

Thr	Gly	Thr	Ser	His	Leu	Val	Lys	Cys	Ala	Glu	Lys	Glu	Lys	Thr	Phe
1				5					10					15	

Cys	Val	Asn	Gly	Gly	Glu	Cys	Phe	Met	Val	Lys	Asp	Leu	Ser	Asn	Pro
		20						25					30		

Ser	Arg	Tyr	Leu	Cys	Lys	Cys	Gln	Pro	Gly	Phe	Thr	Gly	Ala	Arg	Cys
		35					40					45			

Thr	Glu	Asn	Val	Pro	Met	Lys	Val
	50					55	

<210> 2

<211> 56

<212> PRT

<213> Homo sapiens

<300>

<308> AAM71136
<309> 2002-10-07
<313> (1)..(56)

<400> 2

Thr Gly Thr Ser His Leu Val Lys Cys Ala Glu Lys Glu Lys Thr Phe
1 5 10 15

Cys Val Asn Gly Gly Glu Cys Phe Met Val Lys Asp Leu Ser Asn Pro
20 25 30

Ser Arg Tyr Leu Cys Lys Cys Pro Asn Glu Phe Thr Gly Asp Arg Cys
35 40 45

Gln Asn Tyr Val Met Ala Ser Phe
50 55

<210> 3
<211> 53
<212> PRT
<213> Homo sapiens

<300>
<308> NP_004874
<309> 2005-11-27
<313> (1)..(53)

<400> 3

Ser Trp Ser Gly His Ala Arg Lys Cys Asn Glu Thr Ala Lys Ser Tyr
1 5 10 15

Cys Val Asn Gly Gly Val Cys Tyr Tyr Ile Glu Gly Ile Asn Gln Leu
20 25 30

Ser Cys Lys Cys Pro Asn Gly Phe Phe Gly Gln Arg Cys Leu Glu Lys
35 40 45

Leu Pro Leu Arg Leu
50

<210> 4
<211> 53
<212> PRT
<213> Homo sapiens

<300>
<308> NP_053586

<309> 2005-11-27

<313> (1)..(53)

<400> 4

Ser Trp Ser Gly His Ala Arg Lys Cys Asn Glu Thr Ala Lys Ser Tyr
1 5 10 15

Cys Val Asn Gly Gly Val Cys Tyr Tyr Ile Glu Gly Ile Asn Gln Leu
20 25 30

Ser Cys Lys Cys Pro Val Gly Tyr Thr Gly Asp Arg Cys Gln Gln Phe
35 40 45

Ala Met Val Asn Phe
50

<210> 5

<211> 55

<212> PRT

<213> Homo sapiens

<300>

<308> P56975

<309> 2006-02-07

<313> (1)..(55)

<400> 5

Glu Arg Ser Glu His Phe Lys Pro Cys Arg Asp Lys Asp Leu Ala Tyr
1 5 10 15

Cys Leu Asn Asp Gly Glu Cys Phe Val Ile Glu Thr Leu Thr Gly Ser
20 25 30

His Lys His Cys Arg Cys Lys Glu Gly Tyr Gln Gly Val Arg Cys Asp
35 40 45

Gln Phe Leu Pro Lys Thr Asp
50 55

<210> 6

<211> 53

<212> PRT

<213> Homo sapiens

<300>

<308> NP_612640

<309> 2005-10-17

<313> (1)..(53)

<400> 6

Met Pro Thr Asp His Glu Glu Pro Cys Gly Pro Ser His Lys Ser Phe
1 5 10 15

Cys Leu Asn Gly Gly Leu Cys Tyr Val Ile Pro Thr Ile Pro Ser Pro
20 25 30

Phe Cys Arg Cys Val Glu Asn Tyr Thr Gly Ala Arg Cys Glu Glu Val
35 40 45

Phe Leu Pro Gly Ser
50

<210> 7

<211> 53

<212> PRT

<213> Homo sapiens

<300>

<308> NP_001954

<309> 2006-01-08

<313> (1)..(53)

<400> 7

Ser Val Arg Asn Ser Asp Ser Glu Cys Pro Leu Ser His Asp Gly Tyr
1 5 10 15

Cys Leu His Asp Gly Val Cys Met Tyr Ile Glu Ala Leu Asp Lys Tyr
20 25 30

Ala Cys Asn Cys Val Val Gly Tyr Ile Gly Glu Arg Cys Gln Tyr Arg
35 40 45

Asp Leu Lys Trp Trp
50

<210> 8

<211> 52

<212> PRT

<213> Homo sapiens

<300>

<308> P01135

<309> 2006-02-07

<313> (1)..(52)

<400> 8

Ala Val Val Ser His Phe Asn Asp Cys Pro Asp Ser His Thr Gln Phe
1 5 10 15

Cys Phe His Gly Thr Cys Arg Phe Leu Val Gln Glu Asp Lys Pro Ala
20 25 30

Cys Val Cys His Ser Gly Tyr Val Gly Ala Arg Cys Glu His Ala Asp
35 40 45

Leu Leu Ala Val
50

<210> 9

<211> 52

<212> PRT

<213> Homo sapiens

<300>

<308> P35070

<309> 2006-02-07

<313> (1)..(52)

<400> 9

Lys Arg Lys Gly His Phe Ser Arg Cys Pro Lys Gln Tyr Lys His Tyr
1 5 10 15

Cys Ile Lys Gly Arg Cys Arg Phe Val Val Ala Glu Gln Thr Pro Ser
20 25 30

Cys Val Cys Asp Glu Gly Tyr Ile Gly Ala Arg Cys Glu Arg Val Asp
35 40 45

Leu Phe Tyr Leu
50

<210> 10

<211> 52

<212> PRT

<213> Homo sapiens

<300>

<308> AAA51781

<309> 1994-10-31

<313> (1)..(52)

<400> 10

Arg Asn Arg Lys Lys Lys Asn Pro Cys Asn Ala Glu Phe Gln Asn Phe
1 5 10 15

Cys Ile His Gly Glu Cys Lys Tyr Ile Glu His Leu Glu Ala Val Thr
20 25 30

Cys Lys Cys Gln Gln Glu Tyr Phe Gly Glu Arg Cys Gly Glu Lys Ser
35 40 45

Met Lys Thr His
50

<210> 11

<211> 52

<212> PRT

<213> Homo sapiens

<300>

<308> AAH33097

<309> 2005-01-18

<313> (1)..(52)

<400> 11

Gly Leu Gly Lys Lys Arg Asp Pro Cys Leu Arg Lys Tyr Lys Asp Phe
1 5 10 15

Cys Ile His Gly Glu Cys Lys Tyr Val Lys Glu Leu Arg Ala Pro Ser
20 25 30

Cys Ile Cys His Pro Gly Tyr His Gly Glu Arg Cys His Gly Leu Ser
35 40 45

Leu Pro Val Glu
50

<210> 12

<211> 52

<212> PRT

<213> Homo sapiens

<300>

<308> NP_001423

<309> 2006-01-29

<313> (1)..(52)

<400> 12

Val Ala Gln Val Ser Ile Thr Lys Cys Ser Ser Asp Met Asn Gly Tyr
1 5 10 15

Cys Leu His Gly Gln Cys Ile Tyr Leu Val Asp Met Ser Gln Asn Tyr
20 25 30

Cys Arg Cys Glu Val Gly Tyr Thr Gly Val Arg Cys Glu His Phe Phe
35 40 45

Leu Thr Val His
50

<210> 13
<211> 52
<212> PRT
<213> Mus musculus

<300>
<308> CAC39435
<309> 2005-04-15
<313> (1)..(52)

<400> 13

Val Ala Leu Lys Phe Ser His Pro Cys Leu Glu Asp His Asn Ser Tyr
1 5 10 15

Cys Ile Asn Gly Ala Cys Ala Phe His His Glu Leu Lys Gln Ala Ile
20 25 30

Cys Arg Cys Phe Thr Gly Tyr Thr Gly Gln Arg Cys Glu His Leu Thr
35 40 45

Leu Thr Ser Tyr
50

<210> 14
<211> 57
<212> PRT
<213> Homo sapiens

<300>
<308> AM71141
<309> 2002-10-07
<313> (1)..(57)

<400> 14

Thr Gly Thr Ser His Leu Val Lys Cys Ala Glu Lys Glu Lys Thr Phe
1 5 10 15

Cys Val Asn Gly Gly Glu Cys Phe Met Val Lys Asp Leu Ser Asn Pro
20 25 30

Ser Arg Tyr Leu Cys Lys Cys Gln Pro Gly Phe Thr Gly Ala Arg Cys
35 40 45

Thr Glu Asn Val Pro Met Lys Val Gln
50 55

<210> 15
<211> 57
<212> PRT
<213> Homo sapiens

<300>
<308> AAM71136
<309> 2002-10-07
<313> (1)..(57)

<400> 15

Thr Gly Thr Ser His Leu Val Lys Cys Ala Glu Lys Glu Lys Thr Phe
1 5 10 15

Cys Val Asn Gly Gly Glu Cys Phe Met Val Lys Asp Leu Ser Asn Pro
20 25 30

Ser Arg Tyr Leu Cys Lys Cys Pro Asn Glu Phe Thr Gly Asp Arg Cys
35 40 45

Gln Asn Tyr Val Met Ala Ser Phe Tyr
50 55

<210> 16
<211> 54
<212> PRT
<213> Homo sapiens

<300>
<308> NP_004874
<309> 2005-11-07
<313> (1)..(54)

<400> 16

Ser Trp Ser Gly His Ala Arg Lys Cys Asn Glu Thr Ala Lys Ser Tyr

1 5 10 15

 Cys Val Asn Gly Gly Val Cys Tyr Tyr Ile Glu Gly Ile Asn Gln Leu
 20 25 30

 Ser Cys Lys Cys Pro Asn Gly Phe Phe Gly Gln Arg Cys Leu Glu Lys
 35 40 45

 Leu Pro Leu Arg Leu Tyr
 50

<210> 17
 <211> 54
 <212> PRT
 <213> Homo sapiens

<300>
 <308> NP_053586
 <309> 2005-11-27
 <313> (1)..(54)

<400> 17

Ser Trp Ser Gly His Ala Arg Lys Cys Asn Glu Thr Ala Lys Ser Tyr
 1 5 10 15

Cys Val Asn Gly Gly Val Cys Tyr Tyr Ile Glu Gly Ile Asn Gln Leu
 20 25 30

Ser Cys Lys Cys Pro Val Gly Tyr Thr Gly Asp Arg Cys Gln Gln Phe
 35 40 45

Ala Met Val Asn Phe Tyr
 50

<210> 18
 <211> 55
 <212> PRT
 <213> Homo sapiens

<300>
 <308> P56975
 <309> 2006-02-07
 <313> (1)..(55)

<400> 18

Glu Arg Ser Glu His Phe Lys Pro Cys Arg Asp Lys Asp Leu Ala Tyr
 1 5 10 15

Cys Leu Asn Asp Gly Glu Cys Phe Val Ile Glu Thr Leu Thr Gly Ser
20 25 30

His Lys His Cys Arg Cys Lys Glu Gly Tyr Gln Gly Val Arg Cys Asp
35 40 45

Gln Phe Leu Pro Lys Thr Asp
50 55

<210> 19
<211> 54
<212> PRT
<213> Homo sapiens

<300>
<308> NP_612640
<309> 2005-10-17
<313> (1)..(54)

<400> 19

Met Pro Thr Asp His Glu Glu Pro Cys Gly Pro Ser His Lys Ser Phe
1 5 10 15

Cys Leu Asn Gly Gly Leu Cys Tyr Val Ile Pro Thr Ile Pro Ser Pro
20 25 30

Phe Cys Arg Cys Val Glu Asn Tyr Thr Gly Ala Arg Cys Glu Glu Val
35 40 45

Phe Leu Pro Gly Ser Ser
50

<210> 20
<211> 54
<212> PRT
<213> Homo sapiens

<300>
<308> NP_001954
<309> 2006-01-08
<313> (1)..(54)

<400> 20

Ser Val Arg Asn Ser Asp Ser Glu Cys Pro Leu Ser His Asp Gly Tyr
1 5 10 15

Cys Leu His Asp Gly Val Cys Met Tyr Ile Glu Ala Leu Asp Lys Tyr
20 25 30

Ala Cys Asn Cys Val Val Gly Tyr Ile Gly Glu Arg Cys Gln Tyr Arg
35 40 45

Asp Leu Lys Trp Trp Glu
50

<210> 21
<211> 53
<212> PRT
<213> Homo sapiens

<300>
<308> P01135
<309> 2006-02-07
<313> (1)..(53)

<400> 21

Ala Val Val Ser His Phe Asn Asp Cys Pro Asp Ser His Thr Gln Phe
1 5 10 15

Cys Phe His Gly Thr Cys Arg Phe Leu Val Gln Glu Asp Lys Pro Ala
20 25 30

Cys Val Cys His Ser Gly Tyr Val Gly Ala Arg Cys Glu His Ala Asp
35 40 45

Leu Leu Ala Val Val
50

<210> 22
<211> 53
<212> PRT
<213> Homo sapiens

<300>
<308> P35070
<309> 2006-02-07
<313> (1)..(53)

<400> 22

Lys Arg Lys Gly His Phe Ser Arg Cys Pro Lys Gln Tyr Lys His Tyr
1 5 10 15

Cys Ile Lys Gly Arg Cys Arg Phe Val Val Ala Glu Gln Thr Pro Ser
20 25 30

Cys Val Cys Asp Glu Gly Tyr Ile Gly Ala Arg Cys Glu Arg Val Asp
35 40 45

Leu Phe Tyr Leu Arg
50

<210> 23
<211> 53
<212> PRT
<213> Homo sapiens

<300>
<308> AAA51781
<309> 1994-10-31
<313> (1)..(53)

<400> 23

Arg Asn Arg Lys Lys Lys Asn Pro Cys Asn Ala Glu Phe Gln Asn Phe
1 5 10 15

Cys Ile His Gly Glu Cys Lys Tyr Ile Glu His Leu Glu Ala Val Thr
20 25 30

Cys Lys Cys Gln Gln Glu Tyr Phe Gly Glu Arg Cys Gly Glu Lys Ser
35 40 45

Met Lys Thr His Ser
50

<210> 24
<211> 53
<212> PRT
<213> Homo sapiens

<300>
<308> AAH33097
<309> 2005-01-18
<313> (1)..(53)

<400> 24

Gly Leu Gly Lys Lys Arg Asp Pro Cys Leu Arg Lys Tyr Lys Asp Phe
1 5 10 15

Cys Ile His Gly Glu Cys Lys Tyr Val Lys Glu Leu Arg Ala Pro Ser

20

25

30

Cys Ile Cys His Pro Gly Tyr His Gly Glu Arg Cys His Gly Leu Ser
 35 40 45

Leu Pro Val Glu Asn
 50

<210> 25
 <211> 53
 <212> PRT
 <213> Homo sapiens

<300>
 <308> NP_001423
 <309> 2006-01-29
 <313> (1)..(53)

<400> 25

Val Ala Gln Val Ser Ile Thr Lys Cys Ser Ser Asp Met Asn Gly Tyr
 1 5 10 15

Cys Leu His Gly Gln Cys Ile Tyr Leu Val Asp Met Ser Gln Asn Tyr
 20 25 30

Cys Arg Cys Glu Val Gly Tyr Thr Gly Val Arg Cys Glu His Phe Phe
 35 40 45

Leu Thr Val His Gln
 50

<210> 26
 <211> 53
 <212> PRT
 <213> Mus musculus

<300>
 <308> CAC39435
 <309> 2005-04-15
 <313> (1)..(53)

<400> 26

Val Ala Leu Lys Phe Ser His Pro Cys Leu Glu Asp His Asn Ser Tyr
 1 5 10 15

Cys Ile Asn Gly Ala Cys Ala Phe His His Glu Leu Lys Gln Ala Ile
 20 25 30

Cys Arg Cys Phe Thr Gly Tyr Thr Gly Gln Arg Cys Glu His Leu Thr
35 40 45

Leu Thr Ser Tyr Ala
50

<210> 27
<211> 37
<212> PRT
<213> Homo sapiens

<300>
<308> NP_001954
<309> 2006-01-08
<313> (1)..(37)

<400> 27

Cys Lys Leu Arg Lys Gly Asn Cys Ser Ser Thr Val Cys Gly Gln Asp
1 5 10 15

Leu Gln Ser His Leu Cys Met Cys Ala Glu Gly Tyr Ala Leu Ser Arg
20 25 30

Asp Arg Lys Tyr Cys
35

<210> 28
<211> 36
<212> PRT
<213> Homo sapiens

<300>
<308> NP_001954
<309> 2006-01-08
<313> (1)..(36)

<400> 28

Cys Ala Phe Trp Asn His Gly Cys Thr Leu Gly Cys Lys Asn Thr Pro
1 5 10 15

Gly Ser Tyr Tyr Cys Thr Cys Pro Val Gly Phe Val Leu Leu Pro Asp
20 25 30

Gly Lys Arg Cys
35

<210> 29
<211> 36
<212> PRT
<213> Homo sapiens

<300>
<308> NP_001954
<309> 2006-01-08
<313> (1)..(36)

<400> 29

Cys Pro Arg Asn Val Ser Glu Cys Ser His Asp Cys Val Leu Thr Ser
1 5 10 15

Glu Gly Pro Leu Cys Phe Cys Pro Glu Gly Ser Val Leu Glu Arg Asp
20 25 30

Gly Lys Thr Cys
35

<210> 30
<211> 38
<212> PRT
<213> Homo sapiens

<300>
<308> NP_001954
<309> 2006-01-08
<313> (1)..(38)

<400> 30

Cys Ser Ser Pro Asp Asn Gly Gly Cys Ser Gln Leu Cys Val Pro Leu
1 5 10 15

Ser Pro Val Ser Trp Glu Cys Asp Cys Phe Pro Gly Tyr Asp Leu Gln
20 25 30

Leu Asp Glu Lys Ser Cys
35

<210> 31
<211> 36
<212> PRT
<213> Homo sapiens

<300>
<308> NP_001954
<309> 2006-01-08

<313> (1)..(36)

<400> 31

Cys Leu Tyr Gln Asn Gly Gly Cys Glu His Ile C